MONITORING GENERAL NOTES:

The total site size is 77.34 acres. Representative sampling may be utilized on this project.

The individual outfall drainage basins along the project corridor have been carefully evaluated and compared on the basis of four characteristics: the type of construction activity, the disturbed acreage, the average slope about the outfall, and the sooil erosion index 0-10, 10 being the most erodible soil. The construction activity types are new road on fill, new road in cut, road widening, and maintenance/safety. The distrubed area classes are less than or equal to 1 acre, greater than 1 acre to less than 2 acres, and equal to or greater than 2 acres. The average outfall slope is mild if it is equal to or less than 0.03, and steep if it is greater than 0.03. The soil erosion index is low if it is less than of equal to 5 and high if it is greater than 5. After evaluation of these characteristics as presented in the project's drainage area map, hydrology and hydraulic studies, construction plans, geotechnical soil survey, and erosion sedimentation and pollution control plans, the Department has determined that representative sampling is valid for the duration of the project. The table below shows the groups of similar outfall drainage basins.

The increase in turbidity at the specified locations in the table below will be representative of similar outfall drainage basins. Approved primary and alternae representative monitored features are identified in the table below.

| | SAMPLING INFORMATION | | | | | | | | | | | OUTFALL CHARACTERISTICS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location # | Primary Monitored Feature | Location (Station and offset) | Name of receiving water | Applicable construction stage for monitoring | Sampling Type (Outfall or Receiving Water) | Drainage Area for the receiving water (SqMI) | Total Project Area (acres) | Warm or Cold water stream | Appendix B NTU value (outfall monitoring only) | Allowable NTU Increase (for receiving water) | Location Description | Construction Activity | Disturbed Area (acres) | Exit Slope | Erosion Index | Alternate (Similar) Outfalls |
| 1 | L-3 | Basin B, 1019+88, 131' RT | Stream #2 | Stage 2 | Outfall | 0.47 | 77.34 | Warm | 50 | N/A | 18" FES Outfall | Widening | 0-1 | Mild | High | Basin A, K, M, N |
| 2 | S-3 | Basin J, 802+41, 30' RT | Stream #14/15 | Stage 1 | Outfall | 23.56 | 77.34 | Warm | 50 | N/A | 42" FES Outfall | Widening | >2 | Mild | High | Basin L |
| 3 | A-1a | Basin C, 105+38, 85' LT | Stream #14 | Stage 1, 3 | Outfall | 0.30 | 77.34 | Warm | 50 | N/A | Inlet of 42" Metal | Widening | 0-1 | Steep | High | Basin I |
| 4 | L-3 | Basin N, 1025+50, 101' RT | Stream #2 | Stage 3 | Outfall | 0.47 | 77.34 | Warm | 50 | N/A | 18" FES Outfall | Widening | 0-1 | Mild | High | Basin A, B, M |
| 5 | 18" pipe @ 504+00 | Basin F 504+00, 47' RT | Stream #9 | Stages 2 & 3 | Outfall | 0.10 | 77.34 | Warm | 50 | N/A | 18" FES Outfall | New Location-Fill/ Widening | 0-1 | Steep | High | Basin D, E, I |
| 6 | F-7 | Basin N, 122+71, 99' RT | Stream #4 | Stage 2 | Outfall | 3.0 | 77.34 | Warm | 50 | N/A | 18" FES Outfall | Road Widening | 0-1 | Steep | High | Basin F |
| 7 | H-0 | BASIN O, 127+08, 93' LT | Stream #4 | Stages 2 & 3 | Outfall | 3.0 | 77.34 | Warm | 50 | N/A | 30" FES Outfall | Road Widening | >2 | Steep | High | Basin G, H |

The primary monitored feature specified should be used as the initial sampling location. The alternate monitored feature may be used if additional sampling is required or to replace a primary monitored feature that is no longer located within the active phase of construction.

MONITORING SAMPLING METHODS & PROCEDURES

See Special Provision 167 and other contract documents for Monitoring Sampling Methods and Procedures.

READY MIX CHUTE WASH-DOWN

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of Portland cement concrete is prohibited on this site.

In accordance with Standard Specification 107: Legal Regulations and Responsibility to the Public, only the discharge chute utilized in the delivery of Portland cement concrete may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25 feet from any storm drain and outside of the travelled way, including shoulders, for a wash-down pit. The pit shall be large enough to store all wash-down water without overtopping. Immediately after the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in, and the ground above it shall be graded to match the elevation of the surrounding areas. Alternate wash-down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash-down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down pit that includes the following: (1) a location away from any storm drain, stream, or river, (2) access to the vehicle being used for wash down, (3) sufficient volume for wash-down water, and (4) permission to use the area for wash down.

On sites where permission or access to excavate a wash-down pit is unavailable, the Contractor may have to wash-down into a sealable 55-gallon drum or other suitable container and then transport the container to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

RETENTION OF RECORDS

The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

a. A copy of all Notices of Intent submitted to EPD;
b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;
c. The design professionals's report of the results of the inspection conducted in accordance with Part IV. A. 5. of the permit;
d. A copy of all monitoring information, results, and reports required by this permit;
e. A copy of all inspection reports generated in accordance with Part IV. D. 4. a. of this permit;
f. A copy of all violation summaries and violation summary reports generated in accordance with Part III. D. 2. of the permit; and
g. Daily rainfall information collected in accordance with Part IV. D. 4. a. (1)(c) of this permit.

Copies of all Notices of Intent, Notice of Termination, reports, plans, monitoring reports, monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI of this permit. These records must be maintained at the permittee's primary place of business or at a designated alternative location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification of the permit.

Kimley-Horn and Associates, Inc.
Engineering, Planning, and Environmental Consultants
Suite 220, 2 Sun Court
Norcross, Georgia 30092

| REVISION DATES | | |
|---|---|---|
| 12/03/12 | | |
| 02/01/13 | | |
| 03/07/13 | | |
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STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

# ESPC GENERAL NOTES
# I-75 @ US 41 ROCKY FACE

DRAWING No. 51-008

USE ON CONSTRUCTION

GPLM